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**COSC484**

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**Project Proposal**

**Overall Goal of Our System:**

The overall goal of our system is to provide an online platform where professors and students can interact, ask and answer questions and easily communicate in real time outside of class.

**Major Classes of Objects:**

* **User**
  + **Teacher**
  + **Student**
  + **Group admininstrator**
* **Message**
  + **Group Message**
  + **Direct Message**
* **Login**
* **Group**

**Use cases:**

**Title:** Online platform were students and teachers will interact.

**Description:** The system will provide a platform where professors and students can interact, ask and answer questions and easily communicate in real time outside of class.

**Users:** Teachers, students

**Triggers**: User logs in, join a group

**Preconditions:** Users needs to create an account and login before starting communication

**Postconditions:** User will be able to successfully communicate with other users

**Main courses:**

1. User logs in
2. User creates group(s)
3. User (group admin only) adds users to group
4. User sends direct message
5. User sends group message

**Alternate course(s):**

1. User logs in
2. User responds to a direct message
3. User responds to a group message
4. User (group admin only) renames group
5. User (group admin only) removes other users from group
6. User (group admin only) delete group(s)
7. User logs out

**Exceptions:**

1. User unable to create account.
2. User unable to login to the system (no internet connection).
3. User unable to send messages.
4. User (group admin) unable to add or remove other users from group.

**Other Features:**

* Password will be required as a security feature
* Database (MySQL) to store information
* Domain name and hosting services will be used.

**GitHub Link:**

[**https://github.com/dscott24/Cosc484.git**](https://github.com/dscott24/Cosc484.git)